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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,353	06/01/2001	Brian R. McCarthy	310048-550	3630

7590

04/26/2005

Douglas N Larson Esq
Squire Sanders & Dempsey LLP
801 S Figueroa St 14th Floor
Los Angeles, CA 90017-5554

EXAMINER

CHEVALIER, ALICIA ANN

ART UNIT	PAPER NUMBER
----------	--------------

1772

DATE MAILED: 04/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary	Application No.	Applicant(s)	
	09/872,353	MCCARTHY ET AL.	
	Examiner	Art Unit	
	Alicia Chevalier	1772	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Alicia Chevalier. (3) Harold Pyon.
 (2) Douglas Larson. (4) _____.

Date of Interview: 20 April 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____.

Claim(s) discussed: All pending.

Identification of prior art discussed: All cited.


Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: see continuation sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


 Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation Sheet

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Applicant's representative requested a telephonic interview to discuss the attached proposed amendment. Applicant's main focus was on the definition of "ultraremovable adhesive" and if Viby (WO 95/34879) meet the limitation of "a solid continuous liner sheet."

First, the Examiner admitted that she miss read the Viby reference and agrees with Applicant that it does meet Applicant's limitation of "a solid continuous liner sheet."

Second, while Applicant's arguments regarding the differences between the adhesive in Viby and the definition provided in Applicant's arguments regarding the term "ultraremovable adhesive" is persuasive, they are not commensurate in scope with Applicant's specification. Since Applicant's specification does not give a specific definition to the term "ultraremovable adhesive" and does not discuss peel strength. Also, Applicant's evidence, the Article from Converting Magazine December 2000, merely states "ultraremovable pressure sensitive adhesive *can be* defined as products which do not build or gain peel adhesion over time and are cleanly removable from the substrate." The article clearly implies that ultraremovable adhesives can have other definitions then the one set forth in the article.

Therefore, the Examiner has given the limitation "ultraremovable adhesive" the broadest reasonable interpretation consistent with the written description in applicant's specification, as it would be interpreted by one of ordinary skill in the art. *In re Morris*, 127 F.3d 1048, 1054-55, 44 USPQ2d 1023, 1027 (Fed. Cir. 1997); *In re Donaldson Co., Inc.*, 16 F.3d 1190, 1192-95, 29

Art Unit: 1772

USPQ2d 1845, 1848-50 (Fed. Cir. 1994). That is "ultraremovable adhesive" is any adhesive that is peeled away and completely removed from the cardstock sheet, i.e. the adhesive remains on the liner.

Finally, the Examiner further thinks that Applicant's proposed amendments should overcome the 112 rejections and the objections to the claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alicia Chevalier whose telephone number is (571) 272-1490. The examiner can normally be reached on Monday through Friday from 8:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Pyon, can be reached on (571) 272-1498. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Alicia Chevalier

4/20/05

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If Problems: _____

April 8, 2005

PLEASE DELIVER THESE PAGES IMMEDIATELY

Number of Pages (including cover): 22

TO: Alicia Ann Chevalier
Art Unit 1772

FAX NO.: (571) 273-1490

COMPANY: United States Patent and Trademark Office

PHONE NO.:

FROM: Douglas N. Larson

DIRECT DIAL NO.: +1.213.689.5142

E-MAIL: dlaron@ssd.com

RE: Serial No. 09/872,353

First Named Inventor: Brian R. McCarthy

Filed: June 1, 2001

Title: SHEET OF PRINTABLE BUSINESS CARDS

Our Docket No. 11286-01115

Examiner:

Attached is a letter with enclosure regarding the above-captioned application.

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April 8, 2005

VIA FACSIMILE

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Attention: Alicia Ann Chevalier, Art Unit 1772

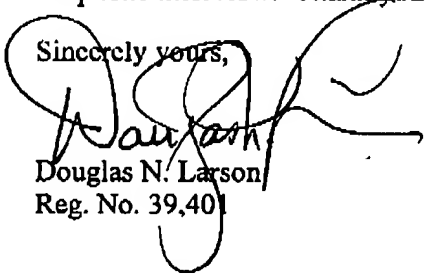
Re: Serial No. 09/872,353
First Named Inventor: Brian R. McCarthy
Filed: June 1, 2001
Title: SHEET OF PRINTABLE BUSINESS CARDS
Atty. Docket No. 11286-01115

Dear Examiner Chevalier:

Referring to our telephone conference of this morning, attached is a proposed Amendment for this application. This Amendment is not to be filed or entered in this application but rather is to provide the basis of my telephone interview with you and your supervisor. The telephone interview is tentatively scheduled for Wednesday, April 20.

This proposed Amendment addresses all of the issues in your last action and when filed would place the application in condition for allowance. Applicants respectfully submit. I hope that you and your supervisor will carefully consider the proposed Amendment before the telephone interview to identify any issues which may remain to be discussed during the telephone interview. Thank you.

Sincerely yours,


Douglas N. Larson
Reg. No. 39,401

DNL/rif
Enclosure

LosAngeles/175724.1

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INTERVIEW SUMMARY Attachment

**NOT TO BE ENTERED OR DOCKETED
FOR DISCUSSION PURPOSES ONLY**

PATENT
Old Docket No. 310048-550
New Docket: 11286-1115
Avery No. 2991-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brian R. McCarthy, Steven Craig Weirather,
Charles Thurmond Patterson, Tony Lee
Scroggs, Sunjay Yedehalli Mohan, and
Patricia L. Cross (As Amended)

Serial No. 09/872,353

Filed: June 1, 2001

For: **SHEET OF PRINTABLE BUSINESS
CARDS (As Amended)**

Group Art Unit: 1772

Examiner: Alicia Ann Chevalier

DRAFT

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the non-final Office Action dated February 22, 2004, and having a shortened three-month response period, please amend the above-captioned application as indicated below.

Amendments to the Claims are reflected in the Listing of Claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 15 of this paper.

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Amendments to the Claims:

This Listing of Claims replaces all prior versions, and listings, of claims in this application.

1-165 (Cancelled).

166. (Currently Amended) A sheet of printable business cards, comprising:
- a cardstock sheet construction having a front side and a back side;
 - a solid continuous liner sheet releasably secured with ultraremovable adhesive to and covering the back side;
 - continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the liner sheet;
 - the through-cut lines defining at least in part perimeter edges of printable business cards and a matrix waste portion;
 - portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;
 - areas of the liner sheet covering back sides of all of the through-cut lines, the areas being adapted to hold the printable business cards and the matrix waste portion together when the sheet of printable business cards is sheet fed through a printer or copier for a printing operation on the printable business cards;
 - the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction;
 - [[the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into individual printed business cards;]]
 - wherein the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into the individual printed business cards with the ultraremovable adhesive remaining on the liner sheet and not on back side surfaces of the printed business cards;

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wherein the cardstock sheet construction has a cardstock end edge, and the liner sheet has a corresponding liner sheet end edge, and wherein one of the cardstock end edge and the liner sheet end edge extends a distance out from the other to form a thin end of the sheet of printable business cards; and

wherein the liner sheet end edge extends the distance out.

167. (Currently Amended) A sheet of printable business cards, comprising:

a cardstock sheet construction having a front side and a back side;

a solid continuous liner sheet releasably secured with ultraremovable adhesive to and covering the back side;

continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the liner sheet;

the through-cut lines defining at least in part perimeter edges of printable business cards and a matrix waste portion;

portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;

areas of the liner sheet covering back sides of all of the through-cut lines, the areas being adapted to hold the printable business cards and the matrix waste portion together when the sheet of printable business cards is sheet fed through a printer or copier for a printing operation on the printable business cards;

the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction;

[[the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into individual printed business cards;]]

wherein the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into the individual printed business cards with the ultraremovable adhesive remaining on the liner sheet and not on back side surfaces of the printed business cards;

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wherein the cardstock sheet construction has a cardstock end edge, and the liner sheet has a corresponding liner sheet end edge, and wherein one of the cardstock end edge and the liner sheet end edge extends a distance out from the other to form a thin end of the sheet of printable business cards; and

wherein the liner sheet end edge extends the distance out to form a narrow exposed strip extending the entire width of the liner sheet.

168. (Previously Presented) The sheet of claim 167 wherein the narrow exposed strip is approximately 1/2 inch wide.

169-206 (Cancelled).

207. (Previously Presented) A sheet of printable business cards, comprising:

a cardstock sheet construction having a front side and a back side;

a solid continuous liner sheet releasably secured with ultraremovable adhesive to and covering the back side;

continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the liner sheet;

the through-cut lines defining at least in part perimeter edges of printable business cards and a matrix waste portion;

portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;

areas of the liner sheet covering back sides of all of the through-cut lines, the areas being adapted to hold the printable business cards and the matrix waste portion together when the sheet of printable business cards is sheet fed through a printer or copier for a printing operation on the printable business cards;

the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction; and

the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into individual printed business cards;

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wherein the back side surfaces of the printed business cards are tack-free after removal from the liner sheet;

wherein the cardstock sheet construction has a cardstock end edge, and the liner sheet has a corresponding liner sheet end edge, and wherein one of the cardstock end edge and the liner sheet end edge extends a distance out from the other to form a thin end of the sheet of printable business cards; and

wherein the liner sheet end edge extends the distance out.

208. (Previously Presented) A sheet of printable business cards, comprising:

a cardstock sheet construction having a front side and a back side;

a solid continuous liner sheet releasably secured with ultraremovable adhesive to and covering the back side;

continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the liner sheet;

the through-cut lines defining at least in part perimeter edges of printable business cards and a matrix waste portion;

portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;

areas of the liner sheet covering back sides of all of the through-cut lines, the areas being adapted to hold the printable business cards and the matrix waste portion together when the sheet of printable business cards is sheet fed through a printer or copier for a printing operation on the printable business cards;

the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction; and

the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into individual printed business cards;

wherein the back side surfaces of the printed business cards are tack-free after removal from the liner sheet;

wherein the cardstock sheet construction has a cardstock end edge, and the liner

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sheet has a corresponding liner sheet end edge, and wherein one of the cardstock end edge and the liner sheet end edge extends a distance out from the other to form a thin end of the sheet of printable business cards; and

wherein the liner sheet end edge extends the distance out to form a narrow exposed strip extending the entire width of the liner sheet.

209. (Previously Presented) A sheet of printable business cards, comprising:

a cardstock sheet construction having a front side and a back side;

a solid continuous liner sheet releasably secured with ultraremovable adhesive to and covering the back side;

continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the liner sheet;

the through-cut lines defining at least in part perimeter edges of printable business cards and a matrix waste portion;

portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;

areas of the liner sheet covering back sides of all of the through-cut lines, the areas being adapted to hold the printable business cards and the matrix waste portion together when the sheet of printable business cards is sheet fed through a printer or copier for a printing operation on the printable business cards;

the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction; and

the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into individual printed business cards;

wherein the back side surfaces of the printed business cards are tack-free after removal from the liner sheet;

wherein the cardstock sheet construction has a cardstock end edge, and the liner sheet has a corresponding liner sheet end edge, and wherein one of the cardstock end edge and the liner sheet end edge extends a distance out from the other to form a thin

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end of the sheet of printable business cards;

wherein the liner sheet end edge extends the distance out to form a narrow exposed strip extending the entire width of the liner sheet; and

wherein the narrow exposed strip is approximately 1/2 inch wide.

210-223 (Cancelled).

224. (Previously Presented) A sheet of printable business cards, comprising:

a cardstock sheet construction having a front side and a back side;

a solid continuous liner sheet releasably secured with ultraremovable adhesive to and covering the back side;

continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the liner sheet;

the through-cut lines defining at least in part perimeter edges of printable business cards and a matrix waste portion;

portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;

areas of the liner sheet covering back sides of all of the through-cut lines, the areas being adapted to hold the printable business cards and the matrix waste portion together when the sheet of printable business cards is sheet fed through a printer or copier for a printing operation on the printable business cards;

the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction; and

the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into individual printed business cards;

wherein the cardstock sheet construction has a cardstock end edge, and the liner sheet has a corresponding liner sheet end edge, and wherein one of the cardstock end edge and the liner sheet end edge extends a distance out from the other to form a thin end of the sheet of printable business cards; and

wherein the liner sheet end edge extends the distance out.

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225. (Previously Presented) A sheet of printable business cards, comprising:
- a cardstock sheet construction having a front side and a back side;
 - a solid continuous liner sheet releasably secured with ultraremovable adhesive to and covering the back side;
 - continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the liner sheet;
 - the through-cut lines defining at least in part perimeter edges of printable business cards and a matrix waste portion;
 - portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;
 - areas of the liner sheet covering back sides of all of the through-cut lines, the areas being adapted to hold the printable business cards and the matrix waste portion together when the sheet of printable business cards is sheet fed through a printer or copier for a printing operation on the printable business cards;
 - the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction; and
 - the liner sheet, the ultraremovable adhesive and the through-cut lines are adapted to allow the business cards to be removed from the liner sheet and from the matrix waste portion after the printing operation into individual printed business cards;
 - wherein the cardstock sheet construction has a cardstock end edge, and the liner sheet has a corresponding liner sheet end edge, and wherein one of the cardstock end edge and the liner sheet end edge extends a distance out from the other to form a thin end of the sheet of printable business cards; and
 - wherein the liner sheet end edge extends the distance out to form a narrow exposed strip extending the entire width of the liner sheet.
226. (Previously Presented) The sheet of claim 225 wherein the narrow exposed strip is approximately ½ inch wide.
227. (Currently Amended) A sheet of printable business cards, comprising:
- a cardstock sheet construction having a front side and a back side;

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ultraremovable adhesive;

a continuous [[carrier]] sheet releasably secured with the ultraremovable adhesive to and covering the back side of the cardstock sheet construction;

continuous through-cut lines through the cardstock sheet construction to the back side but not through-cut through the [[carrier]] sheet;

the through-cut lines defining at least in part perimeter edges of printable business cards and of a matrix waste portion;

portions of the back side of the cardstock sheet construction forming back side surfaces of the printable business cards;

the printable business cards, the matrix waste portion, the [[carrier]] sheet, the ultraremovable adhesive and the through-cut lines defining at least in substantial part a printable business card sheet construction;

the printable business card sheet construction being dimensioned, constructed and adapted to be sheet-fed through a printer or copier for a printing operation on the printable business cards;

areas of the [[carrier]] sheet covering back sides of all of the through-cut lines, the areas being dimensioned, constructed and adapted to hold the printable business cards and the matrix waste portion together when the printable business card sheet construction is sheet-fed through the printer or copier for the printing operation; and

the [[carrier]] sheet, the ultraremovable adhesive and the through-cut lines being dimensioned, constructed and adapted to allow the printed business cards to be removed from the [[carrier]] sheet and from the matrix waste portion after the printing operation into the individual printed business cards with the ultraremovable adhesive remaining on the [[carrier]] sheet and not on back side surfaces of the printed business cards.

228. (Previously Presented) The sheet of claim 227 wherein the ultraremovable adhesive covers the entirety of the back side of the cardstock sheet construction.

229. (Currently Amended) The sheet of claim 227 wherein the [[carrier]] sheet is a solid continuous [[carrier]] sheet.

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230. (Currently Amended) The sheet of claim 227 wherein the [[carrier]] sheet extends the entire width of the cardstock sheet construction.
231. (Previously Presented) The sheet of claim 227 wherein adjacent ones of the printable business cards directly abut one another and share common edges.
232. (Previously Presented) The sheet of claim 227 wherein the printable business cards are arranged in a matrix on the cardstock sheet construction.
233. (Previously Presented) The sheet of claim 227 wherein the cardstock sheet construction includes a glossy cardstock sheet.
234. (Currently Amended) The sheet of claim 227 wherein (a) the cardstock sheet construction includes left and right side edges and first and second end edges, (b) the through-cut lines include frame cut lines and grid cut lines, (c) the frame cut lines include first and second side cut lines spaced in from the left and right side edges, respectively, and disposed parallel thereto, (d) the frame cut lines include first and second end cut lines spaced in from and parallel to the first and second end edges, both of the end cut lines engaging both of the side cut lines, (e) the frame cut lines define a central area on the [[facestock]] cardstock sheet construction, (f) the grid cut lines define a grid disposed in the central area, and (g) the grid cut lines and the frame cut lines separate the central area into the printable business cards.
235. (Currently Amended) The sheet of claim 227 wherein the [[carrier]] sheet comprises a densified bleached kraft sheet.
236. (Previously Presented) The sheet of claim 227 wherein at least some of the through-cut lines define the matrix waste portion around the printable business cards.
237. (Previously Presented) The sheet of claim 227 wherein the through-cut lines include vertical and horizontal cut lines.
238. (Previously Presented) The sheet of claim 237 wherein a top one of the

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horizontal cut lines extends a full width of the cardstock sheet construction.

239. (Currently Amended) The sheet of claim 238 wherein ends of the rest of the horizontal cut lines are spaced inwardly from the left and right side edges of the [[facestock]] cardstock sheet construction.

240. (Previously Presented) The sheet of claim 239 wherein the rest of the horizontal cut lines extend a distance out beyond the outermost of the vertical cut lines.

241. (Currently Amended) The sheet of claim 227 wherein the [[carrier]] sheet comprises a base paper sheet.

242. (Currently Amended) The sheet of claim 227 wherein the [[carrier]] sheet has a thickness of approximately 3.0 mil.

243. (Currently Amended) The sheet of claim 227 wherein the [[carrier]] sheet has a thickness of approximately 2.0 mil.

244. (Currently Amended) The sheet of claim 227 wherein the [[carrier]] sheet covers the entire back side of the cardstock sheet construction.

245. (Previously Presented) The sheet of claim 227 wherein the through-cut lines define all of the perimeter edges of all of the printable business cards.

246. (Previously Presented) The sheet of claim 245 wherein the printable business cards are arranged in a two column matrix on the cardstock sheet construction.

247. (Previously Presented) The sheet of claim 246 wherein the printable business cards in each column of the two column matrix abut adjacent printable business cards in the same column separated only by respective ones of the through-cut lines.

248. (Previously Presented) The sheet of claim 227 wherein the printable business cards comprise a matrix block of printable business cards completely surrounded by the matrix waste portion.

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249. (Previously Presented) The sheet of claim 227 wherein the cardstock sheet construction is a top-coated cardstock sheet.
250. (Previously Presented) The sheet of claim 227 wherein the printable business cards are arranged in a plurality of butt-cut columns and a plurality of butt-cut rows.
251. (Previously Presented) The sheet of claim 227 wherein the cardstock sheet construction is approximately 9.0 mil thick.
252. (Currently Amended) The sheet of claim 227 wherein the cardstock sheet construction and the [[carrier]] sheet are both rectangular and have the same width and length dimensions.
253. (Currently Amended) The sheet of claim 227 wherein the cardstock sheet construction has a cardstock end edge, and the [[carrier]] sheet has a corresponding [[carrier]] sheet end edge, and wherein one of the cardstock end edge and the [[carrier]] sheet end edge extends a distance out from the other to form a thin end of the printable business card sheet construction.
254. (Currently Amended) The sheet of claim 253 wherein the [[carrier]] sheet end edge extends the distance out.
255. (Currently Amended) The sheet of claim 253 wherein the [[carrier]] sheet end edge extends the distance out to form a narrow exposed strip extending the entire width of the [[carrier]] sheet.
256. (Previously Presented) The sheet of claim 255 wherein the narrow exposed strip is approximately 1/2 inch wide.
257. (Previously Presented) The sheet of claim 253 wherein the thin end is adapted to provide printer or copier infeed flexibility for the printable business card sheet construction.
258. (Previously Presented) The sheet of claim 253 wherein an end of the printable

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business card sheet construction opposite to the thin end is calendered.

259. (Currently Amended) The sheet of claim 227 wherein the back side surfaces of the printed business cards are tack-free after removal from the [[carrier]] sheet.

260-262 (Cancelled).

263. (Previously Presented) The sheet of claim 227 wherein an infeed edge of the printable business card sheet construction, along an entire width of the printable business card sheet construction, is thinner than a body of the printable business card sheet construction.

264. (Previously Presented) The sheet of claim 227 wherein a lead-in edge of the printable business card sheet construction is calendered to improve feeding of the printable business card sheet construction into a printer or copier.

265. (Previously Presented) The sheet of claim 227 wherein the cardstock sheet construction includes a cardstock sheet and the ultraremovable adhesive is directly on the cardstock sheet.

266. (Previously Presented) The sheet of claim 227 wherein the printable business card sheet construction is 8 ½ x 11 inches.

267. (Previously Presented) The sheet of claim 266 wherein the cardstock sheet construction is approximately 9.0 mil thick.

268. (Previously Presented) The sheet of claim 266 wherein the cardstock sheet construction is a top-coated cardstock sheet.

269. (Currently Amended) The sheet of claim 268 wherein the [[carrier]] sheet comprises a base paper sheet.

270. (Previously Presented) The sheet of claim 227 wherein the ultraremovable adhesive provides partial contact with the cardstock sheet construction and the partial

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contact prevents the ultraremovable adhesive from becoming permanent over time.

271. (Previously Presented) The sheet of claim 227 wherein the sheet of printable business cards has A4 dimensions.

272. (Previously Presented) The sheet of claim 227 wherein the printable business cards are arranged in a plurality of rows and a plurality of columns.

273. (New) The sheet of claim 227 wherein the sheet carries the cardstock sheet construction and thereby defines a carrier sheet.

274. (New) The sheet of claim 227 wherein the sheet is a continuous solid sheet extending between and to opposite side edges of and opposite end edges of the cardstock sheet construction.

275. (New) The sheet of claim 227 wherein the ultraremovable adhesive is a suspension polymer adhesive.

276. (New) The sheet of claim 227 wherein the ultraremovable adhesive is a water-based acrylic suspension polymer adhesive.

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REMARKS/ARGUMENTS

I. The Office Action

In the above-mentioned Office Action, claims 227-272 were rejected as failing to comply with the written description requirement; claims 254, 255 and 270 were rejected as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention; and claims 166, 207, 224, 227-232, 234, 236-241, 244-248, 250, 252, 253, 256, 257, 259, 262, 265, 270, 271 and 272 were rejected as being anticipated Viby (WO 95/34879). The Examiner also advised that if claim 263 were found to be allowable, claim 266 would be objected to as being a substantial duplicate thereof.

Applicants appreciate the detailed explanations of the Examiner's rejections provided in her Office Action.

Viby was cited by the Examiner as if it were a newly-discovered reference. Applicants note, however, that this reference was earlier cited by Applicants on April 14, 2003 and considered by the Examiner on July 28, 2003.

II. Claim Amendments

The paragraphs deleted in claims 166 and 167 were deleted to clarify these claims because the paragraphs overlap with the paragraphs that follow them.

Amendments made in claims 234 and 239 were made to clarify the claim technology and antecedent basis.

Claims 260-262 were cancelled without prejudice or disclaimer.

III. Carrier Sheet

The Examiner rejected claims 227-272 under Section 112, first paragraph, because the specification does not mention "carrier sheet." Applicants have overcome this rejection by deleting the word "carrier" from those claims. (However, the term "carrier sheet" is defined in new dependent claim 273.)

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IV. "Butt-Cut" Columns and Rows

The Examiner rejected claim 250 because the specification does not mention "butt-cut" and therefore it constitutes new matter. Applicants respectfully traverse this rejection. "Butt-cut" is a well-known term in this art, meaning that the columns, rows, cards, labels, etc. directly "butt" up against one another with no space or gap between them. A word search of issued U.S. patents will show that it is a common term in the art; see e.g., U.S. Patents 4,475,969, 5,516,393 and 6,184,128. It is shown in many of the drawings as originally filed in this application, e.g., FIGS. 8, 11, 27, 30A, etc. Since the drawings form part of the original disclosure, this new matter rejection thus should be withdrawn.

V. Ultraremovable Adhesive

The Examiner stated: "Viby's adhesive coating is deemed to be ultraremovable because it is a water based acrylic adhesive (*page 4, lines 24-25*), which is one of the preferred adhesives applicant discloses (*specification page 25, paragraph 104*)."

"It is further deemed to be an ultraremovable adhesive because, as discussed later, the adhesive remains on the carrier sheet and is not permanently attached to the card stock sheet construction."

Applicants explained the term "ultraremovable adhesive" in their response dated November 2, 2004. It is respectfully contended that Viby does not disclose an ultraremovable adhesive for any one or more of the following four reasons.

(1) Viby shows a "release layer" for the adhesive. If it were an "ultraremovable" adhesive, a release liner would not be used.

(2) The Examiner stated that since the Viby adhesive is a "water-based acrylic adhesive" that means that it is an ultraremovable adhesive. This is an incorrect conclusion. For example, U.S. Patent 5,362,816 describes "Polymer A," and Polymer A is an emulsion acrylic, pressure-sensitive adhesive which is permanent. It thus is an example of the fact that a pressure-sensitive adhesive is not ultraremovable simply because it is an emulsion- or water-based adhesive.

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(3) The Examiner stated that the Viby adhesive is an "ultraremovable adhesive" because "the adhesive remains on the carrier sheet." Where the adhesive ends up does not determine whether it is an ultraremovable adhesive or not. Rather, the strength of the bond does, as previously explained.

(4). The Viby adhesive is an emulsion polymer. And since emulsion polymers are not highly cross-linked, they "wet-out" over time; in other words, their surface coverage on a substrate increases over time. This means that the Viby adhesive gains peel adhesion over time and thus is not an ultraremovable adhesive. This is explained in more detail below.

Emulsion polymer PSA's have particle sizes below one micron. Because of their low Tg's and small particle sizes, they are film formers. Such a PSA film has substantially higher contact area with substrates than a coating of a suspension polymerized PSA. Peel of such films varies with coat weight at short times, and at long times, it goes up substantially because contact area changes with time.

Suspension polymerized PSA's have large particle sizes -- typically larger than about five microns or so. The choice of initiators, choice of monomer and the kinetics of the polymerization yield highly cross-linked particles that are soft, discrete and highly elastic. These properties lead to discrete particles when a suspension polymer is coated. Because of their cross-linked nature, their area of contact is limited. This area of contact does not change substantially with time or pressure due to their elastic nature. Hence by changing coat weight, the peel of the suspension polymerized PSA can be changed and this peel value remains relatively stable with time.

Emulsion polymers have smaller particle sizes compared to suspension polymers. The smaller size also adds to the more complete coverage of the substrate from an initial standpoint. Wet-out further enhances the adhesion by increasing the coverage over time. Suspension polymers, being larger, have a smaller area of contact from the start. Being highly cross-linked causes them not to wet out, so the adhesion levels remain relatively constant.

See, "A Look at Adhesion Increase in Pressure-Sensitive Adhesives," Bentley,

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David J., September 2003, PFFCOnline.com, which explains that PSAs can flow over time and increase adhesion. Suspension polymers are highly cross-linked and do not flow. That is the reason the adhesion does not build over time with suspension polymers. U.S. Patent No. 4,925,908 shows the increase over time.

Accordingly, all of the claims are patentable over Viby, as Viby does not disclose an ultraremovable adhesive.

VI. Solid Continuous Sheet

The Examiner stated: "Viby's support sheet is deemed to be a solid continuous liner sheet, since the reference discloses that the support sheet is a continuous sheet divided into two sections along a line of separation (*page 6, lines 1-3*). It is noted that Applicants have stated that a solid sheet has no cut lines or strips formed or removed, but can have separation lines (*specification page 24, paragraph 102 and figure 27*)."

The Examiner has misread the present application. The dotted lines in FIG. 27 are phantom lines showing the cut lines in the cardstock sheet on the opposite side of the (liner) sheet, not in the (liner) sheet. Paragraph 102 says that the separation lines are in the facesheet, not in the liner sheet.

Applicants also respectfully contend that the Examiner has misread Viby. Viby clearly discloses that the bottom sheet is not a solid sheet, but rather has "a line of separation 15." This separation line is critical to the Viby disclosure and invention, and it would not have been obvious to modify Viby by removing the separation line. See, e.g., *In re Gordon*, 221 USPQ 1125 (Fed.Cir. 1984), and *In re Ratti*, 123 USPQ 349 (CCPA 1959).

Accordingly, all of the claims which define the sheet as being "solid" are patentable over Viby.

VII. Substantially Duplicates

It is not seen how claim 266 is a substantial duplicate of claim 263, since their coverage is very different. Accordingly, this provisional objection should be withdrawn.

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VIII. The "Thin End"

Claim 253 mentions the "thin end," and claims 254, 255 and 270 do not. The rejections of claims 254, 255 and 270 as being indefinite thus should be withdrawn.

IX. New Dependent Claims

New dependent claim 273 states that the sheet carries the cardstock sheet construction and thereby defines a carrier sheet.

Claim 274 states that the sheet is a continuous solid sheet extending between opposite side edges of and opposite end edges of the cardstock sheet construction.

Claim 275 states that the ultraremovable adhesive is a suspension polymer adhesive.

Claim 276 states that the ultraremovable adhesive is a water-based acrylic suspension polymer adhesive.

X. Form PTO/SB/08A

One of the initialed Forms PTO/SB/08A attached to the Examiner's action had the six listed applications crossed off. These are related applications and were included in the event that there are any potential provisional obviousness-type patenting rejections. It is thus requested that the Examiner indicate her consideration of each of them with her next action.

XI. Concluding Remarks

Accordingly, it is respectfully contended that all of the claims now pending are patentable. Thus, issuance of the Notice of Allowance at an early date is in order.

If there are any remaining issues, the Examiner is encouraged to telephone the below-signed counsel at (213) 689-5142 to seek to resolve them.

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The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1853. Should such additional fees be associated with an extension of time, Applicants respectfully request that this paper be considered a petition therefor.

Respectfully submitted,

Dated: April _____, 2005

DRAFT

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 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 09/872,353 First Named Applicant: Brian R. McCarthy
 Examiner: Alicia Ann Chevalier Art Unit: 1772 Status of Application: Pending

Tentative Participants:

(1) Douglas N. Larson (2) Alicia Ann Chevalier
 (3) Harold Pyon (4) _____

Proposed Date of Interview: April 20, 2005 Proposed Time: _____ (AM/PM)

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Continuation Sheet Attached					

Brief Description of Arguments to be Presented:

All rejections, objections, proposed amendments and arguments as set forth in the draft Amendment faxed to
 the Examiner on April 8, 2005.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Douglas N. Larson
 Applicant/Applicant's Representative Signature

Douglas N. Larson

Typed/Printed Name of Applicant or Representative

29,401

Registration Number, if applicable

Examiner/SPE Signature

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FRGS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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